

In the Claims

1. (currently amended) A thermoplastic ~~composition based on~~ impact-reinforced polyamide composition ~~reinforced with regard to impacts~~ comprising:

I) from 60 to 99% by weight of the total weight of the composition of at least one polyamide (I);

II) from 1 to 40% by weight of the total weight of the composition of at least one block copolymer (II) corresponding to the following general formula $Y-B-Y'$ ~~in which~~ wherein:

- B is an elastomeric block thermodynamically incompatible with the Y and Y' blocks,

- Y and Y' ~~have or do not have the same~~ are the same or different chemical composition ~~as one another,~~

at least one of the two blocks Y and Y' being partially or entirely composed of poly(methyl methacrylate); ~~and~~

III) from 0 to 20% by weight of the total weight of the composition of at least one impact additive,
the total of (II) and (III) not exceeding 50% by weight.

2. (currently amended) The composition as claimed in claim 1, ~~characterized in that it preferably comprises~~ comprising:

from 70 to 98% by weight of (I)

from 2 to 30% by weight of (II).

3. (currently amended) The composition as claimed in claim 1 ~~or 2, characterized in that~~ wherein B ~~is obtained by the polymerization of~~ comprises at least one monomer unit ~~chosen from~~ selected from the group consisting of butadiene, isoprene, 2,3-dimethyl-1,3-butadiene, 1,3-pentadiene ~~or~~ and 2-phenyl-1,3-butadiene.

4. (currently amended) The composition as claimed in claim 3, ~~characterized in that~~ wherein B ~~is obtained by the polymerization of~~ comprises butadiene.

5. (currently amended) The composition as ~~claimed in one of the preceding claims,~~
~~characterized in that~~ of claim 1, wherein Y and Y' are obtained by the polymerization of
comprise at least one monomer unit chosen from styrene and short-chain alkyl methacrylates,
~~such as methyl methacrylate.~~

6. (currently amended) The composition as claimed in claim 5, ~~characterized in that~~
wherein Y is a block composed predominantly of styrene and ~~in that~~ wherein Y' is a block
composed predominantly of methyl methacrylate syndiotactic to a level of greater than 60%.

7. (currently amended) The composition as claimed in claim 1, ~~characterized in that~~
wherein the impact additive is chosen from the group consisting of elastomers, such as
~~EPDM or elastomeric polyolefins,~~ comprises an elastomer.

8. (currently amended) The composition as ~~claimed in one of the preceding claims,~~
~~characterized in that~~ of claim 1, wherein the polyamide (I) is at least one polyamide chosen
~~from the~~ selected from the group consisting of polyamides -4, -6, -10, -11, -12, -4,6, -6,9, -
6,10, -6,12 and -12,12.

9. (currently amended) ~~The use in the preparation of~~ A polyphase composite material
comprising materials of a ~~the composition as claimed in one of claims 1 to 8 in combination~~
~~with~~ of claim 1 and at least one fiber compound ~~chosen from~~ selected from the group
consisting of fibers, such as glass fibers, carbon fibers, or other fibers derived from carbon,
metal fibers ~~or~~ and textile fibers.

10. (currently amended) ~~The use in the preparation of~~ A polymer alloys of a alloy
comprising the ~~composition as claimed in one of claims 1 to 8 in combination with~~ of claim 1
and at least one compound ~~chosen from~~ selected from the group consisting of polyamides and
polyolefins.

11. (currently amended) ~~The use in the preparation of~~ A thermoplastic object comprising
the composition of claim 1, formed by ~~objects by techniques for the conversion of~~
~~thermoplastics, such as injection molding, extrusion, blowing or molding,~~ of a composition
~~as claimed in one of claims 1 to 8.~~

12. (canceled)
13. (canceled)
14. (canceled)
15. (new) The composition of claim 5, wherein Y and Y' comprise methyl methacrylate.
16. (new) The composition as claimed in claim 7, wherein the impact additive elastomer comprises EPDM or elastomeric polyolefins..